

U.S. GEOLOGICAL SURVEY

DFS V LOG



5

VESSEL Tug Boat Bulkhead CRUISE NO. BAIK 92-1 DATE 9/2/92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 24 sec.

OFFSET 400m m PRIME NAVIGATION GPS

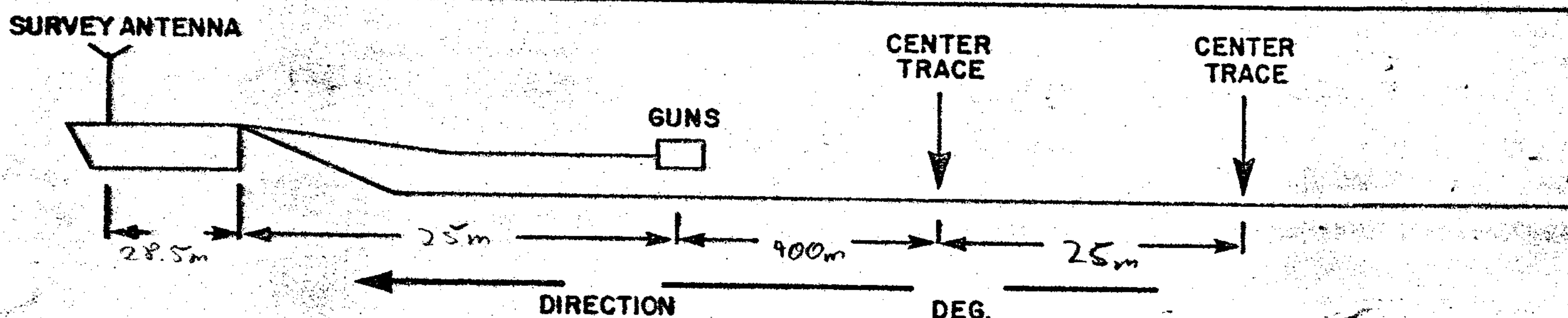
LINE NO. 44 DIR. _____ DEG. CABLE TYPE 96 trace

LOCATION Baikal Central Basin TRACE INT. 25m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT _____

RECORD LENGTH 9 secs EXTENDED HEADER START WORD _____

SOUND SOURCE 8 guns cu. in. @ 2000 psi @ 6 depth (m)



RECORD

REPRODUCE

INPUT GAIN (500 OHM IMP)	FILTERS		MAN <u>IFP</u>	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
36 dB	5/15	64		5	64	3	3	AGC

DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME	
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH
1	225	255	0044		1	73			17:18	17:49
	226				74	146			17:49	18:19
	227				147	220			18:19	18:51
	228				221	293			18:51	19:21
	229				294	366			19:22	19:52
	230				367	439			19:54	20:23
	231				440	512			20:24	20:53
	232				515	587			20:55	21:25
	233				588	660			21:26	21:55
	234				661	733			21:56	22:26
	235				734	774			22:26	22:44
	236				776	812			22:48	23:05
	237				813	885			23:05	23:33
	238				886	958			23:34	00:14
	239				959	1000			00:27	

DFS V LOG



51A

SHOT INTERVAL (DISTANCE) _____ m OR TIME 24 sec.

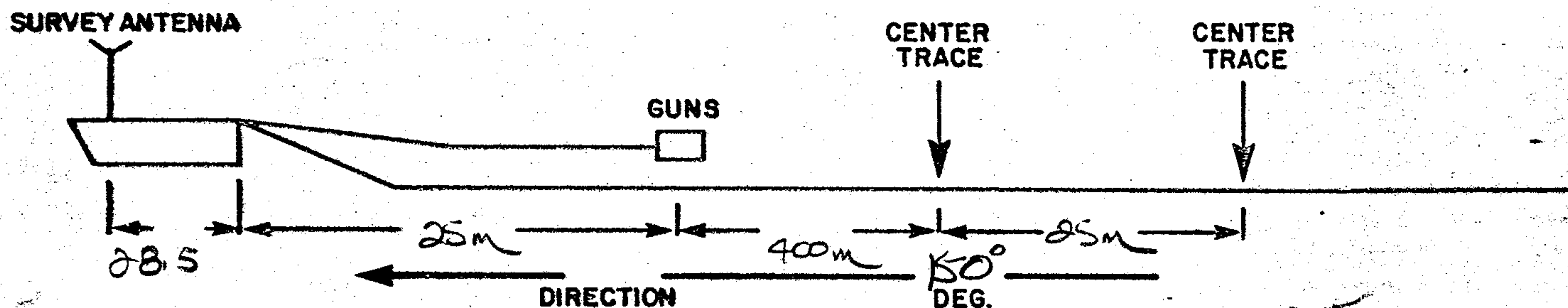
LINE NO. 44 DIR. DEG. CABLE TYPE 96 Trace

LOCATION RAILCAL Central BASIN TRACE INT. 25 m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT

RECORD LENGTH 9 sec. EXTENDED HEADER START WORD —

SOUND SOURCE 1435 cu. in. @ 1900 psi @ 6 depth (m)



RECORD

REPRODUCE

INPUT GAIN (500 OHM IMP)	FILTERS		MAN (IFP)	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
36dB	5/15	64		5	64	3	3	Abc

[illegible]

OBSERVER'S MARINE REPORT

VESSEL BalkhashDATE 9/12/92# SR

Client USGS Type instrument DFS-V Offset distance 400 m
 Area Baikal Record filter 5-64 Hz Group interval 25 m
 State Central Basin Sample rate 4 ms Fold coverage 24
 Observer Linger/Chen/Nichols gun depth 6 m in.³ of guns 8 guns

Pre-plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1	1718	147	8 10 9	620	225	44	Only 8 guns on line - 1
		25	1730	152	8 9 10	650	225		tape transport
		34	1750	150	10 9 10	660	226		PR 2
		99	1800	152	10 9 10	660	226		148
		141	1812	139		571	226		
		171	1831	145	8-8-9	581	227		W
		206	1845	148	7 10 8	587	227		
		241	1900	148		518	228		
		278	1915	149		465	228		No shot
		311	1930	155		388	229		
							229		PR 323
		351	1945	151		431			
		383	2000	155		431	230		
		424	2015	154		513			
		455	2030	151		566	231		440 NO DATA
		492	2045	154		735			
		527	2100	150		813	232		511, 515 NO DATA
		565	2115	154		1269			
		598	2130	145		1483	233		
		634	2145	148		1663	233		PR 634, 640, 645, 650
		671	2200	152		1661	234		
		712	2215	153		1661	234		601 NO DATA
		755	2235	135		1696	235		PR 769, 770, 771, 772
									275, 276, 277
		784	2251	149		1701	236		776 NO DATA
		807	2300	145		1701			
		840	2315			1701	237		
		878	2330	149		1701	237		
		904	0100			957			
		969	0130			916			